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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER BOUL 3507
INTERNATIONAL APPLICATION NO. PCT/GB2005/000308		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) NOT YET ASSIGNED
INTERNATIONAL FILING DATE 28 January 2005		PRIORITY DATE CLAIMED 28 January 2004
TITLE OF INVENTION A DIAGNOSTIC SYSTEM FOR CARRYING OUT A NUCLEIC ACID SEQUENCE AMPLIFICATION AND DETECTION PROCESS		
APPLICANT(S) FOR DO/EO/US SCHONFELD, Friedhelm; VON GERMAR, Frithjof; KARLSEN, Frank; LICHTENBERG, Jan; VERPOORTE, Sabeth		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<div style="margin-bottom: 10px;">1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.</div> <div style="margin-bottom: 10px;">2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.</div> <div style="margin-bottom: 10px;">3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</div> <div style="margin-bottom: 10px;">4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</div> <div style="margin-bottom: 10px;">5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))<div style="margin-left: 20px;"><div style="margin-bottom: 5px;">a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</div><div style="margin-bottom: 5px;">b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</div><div style="margin-bottom: 5px;">c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</div></div></div> <div style="margin-bottom: 10px;">6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).<div style="margin-left: 20px;"><div style="margin-bottom: 5px;">a. <input type="checkbox"/> is attached hereto.</div><div style="margin-bottom: 5px;">b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</div></div></div> <div style="margin-bottom: 10px;">7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))<div style="margin-left: 20px;"><div style="margin-bottom: 5px;">a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</div><div style="margin-bottom: 5px;">b. <input type="checkbox"/> have been communicated by the International Bureau.</div><div style="margin-bottom: 5px;">c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</div><div style="margin-bottom: 5px;">d. <input type="checkbox"/> have not been made and will not be made.</div></div></div> <div style="margin-bottom: 10px;">8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</div> <div style="margin-bottom: 10px;">9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</div> <div style="margin-bottom: 10px;">10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</div> <div style="margin-bottom: 10px;">Items 11 to 20 below concern document(s) or information included:</div> <div style="margin-bottom: 10px;">11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</div> <div style="margin-bottom: 10px;">12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</div> <div style="margin-bottom: 10px;">13. <input checked="" type="checkbox"/> A preliminary amendment.</div> <div style="margin-bottom: 10px;">14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</div> <div style="margin-bottom: 10px;">15. <input type="checkbox"/> A substitute specification.</div> <div style="margin-bottom: 10px;">16. <input type="checkbox"/> A power of attorney and/or change of address letter.</div> <div style="margin-bottom: 10px;">17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.</div> <div style="margin-bottom: 10px;">18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</div> <div style="margin-bottom: 10px;">19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</div>		

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20. Other items or information:					
The following fees have been submitted				CALCULATIONS	
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a))..... \$300				\$	
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0 All other situations..... \$200				\$	
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB..... \$400 All other situations..... \$500				\$	
TOTAL OF 21, 22 and 23 =				\$1000.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.				\$	
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100 =	/50 =		x \$250		
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total claims	29 - 20 =	9	x \$ 50	\$ 450	
Independent claims	1 - 3 =		x \$200	\$	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360	\$	
TOTAL OF ABOVE CALCULATIONS =				\$ 1450.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.					
SUBTOTAL =				\$	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$	
TOTAL NATIONAL FEE =				\$	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$	
TOTAL FEES ENCLOSED =				\$ 1450.00	
				Amount to be refunded:	\$
				Amount to be charged	\$

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- a. ☐ A check in the amount of \$ _____ to cover the above fees is enclosed.
- b. ☒ Please charge my Deposit Account No. 19-1345 in the amount of \$ 1450.00 to cover the above fees.
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-1345. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Paul I. J. Fleischut
Senniger Powers
One Metropolitan Square
16th Floor
St. Louis, Missouri 63102
(314) 231-5400

_____ SIGNATURE	
Paul I. J. Fleischut	July 28, 2006
_____ NAME	
35513	_____ REGISTRATION NUMBER